SOYNTEC LAPTOP LIFESTYLE

SEKURY D500
SAI/UPS

GB User manual

SEKURY D500 SERIES

KEEP THESE INSTRUCTIONS - Please read the following information carefully and save this manual for further reference. Disregard of these safety notes may endanger life or health, as well as the function of the equipment and the safety of your data.

The Sekury D500 UPS Series provides full protection to your computer and peripherals, such as TFT screens, modems, routers and etc. Moreover, prevents data loss generated by blackouts, surge and other electrical disturbances. In these cases, the UPS will quickly provide enough power to allow you adequate time to save your files, close your applications and turn off the computer avoiding damage to your data and devices.

MAIN FEATURES SEKURY D500:

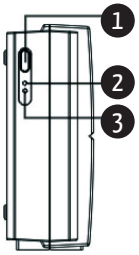
- Power protection against surge, overvoltage, overload, short-circuit and spikes.
- Digital microprocessor control.
- Cold start function: power up your devices during blackouts.
- Compact design for horizontal or vertical use.
- Optical and acoustic indicators for battery level, status and overload.

1. PACKAGE CONTENTS

- UPS Sekury D500
- User manual

2. PRODUCT OVERVIEW

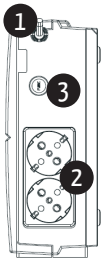
FRONT VIEW:



1. Power Switch
2. UPS status LED indicator
3. Fault/Battery status LED indicator

   (Check the Indicator & Alarm Table for the details)

BACK VIEW:



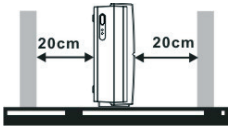
1. AC input
2. Protected Schuko outlets
3. Fuse

3. INSTALLATION AND INITIAL SETUP

Before installation, please inspect the unit. Make sure that the UPS it's in perfect conditions and free of any kind of external damages.

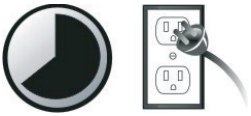
Placement & Storage Conditions

Install the UPS in a protected area that is free of excessive dust and has adequate air flow. Please place the UPS away from other units at least 20 cm to avoid interference. Do NOT operate the UPS where the temperature and humidity is outside the specific limits.



Connection to mains and charging

Plug in the AC input cord to the wall outlet. This unit is shipped from the factory with its internal battery fully charged, however, some charge may be lost during shipping and the battery should be recharged prior to use. Plug the unit into an appropriate power supply and allow the UPS to charge fully by leaving it plugged in for at least 8 hours with no load (no electrical devices such as computers, monitors, etc.) connected.



Devices connection

Plug in the devices to the outlets on the UPS rear panel. Simply switch on the UPS unit and the devices connected to the UPS will be protected.

CAUTION: NEVER connect a laser printer or scanner to the UPS unit. This may cause unit damage.

Turn On/Off

Turn on the UPS unit by pressing the power switch. Turn off the UPS unit by pressing again the power button.

Cold Start Function

The cold start function allows to power up your devices during blackouts. To use the cold start function, just switch on the UPS, turn on you computer and peripherals as usual. The battery should have enough charge in order to perform the start up of your connected devices.

Indicators & Alarm Table

Mode	Visual Indicator	Alarm
AC Mode	Blue LED lighting	Off
Battery Mode	Blue LED flashing every 10 seconds	Sounding every 10 seconds
Low battery	Blue LED flashing every second and Red LED lighting	Sounding every second
Fault	Red LED lighting	Continuously sounding

4. IMPORTANT SAFETY INSTRUCTIONS

- Risk of Electric Shock. Do not open the UPS (except for battery replacement following the safety norms).
- Risk of Electric Shock. This unit receives power from more than one source. Disconnection of AC sources and the DC source is required to deenergize this unit before servicing.
- Risk of Electric Shock. Hazardous live parts inside this unit are energized from the battery supply even when the input AC power is disconnected.
- To reduce the risk of overheating the UPS, do not cover the UPS' cooling vents and avoid exposing the unit to direct sunlight or installing the unit near heat emitting appliances such as space heaters or furnaces.
- To prevent the risk of fire or electric shock, install in a temperature and humidity controlled indoor area free of conductive contaminants.
- Do not attach non-computer-related items, such as medical equipment, life-support equipment, microwave ovens, or vacuum cleaners to UPS.
- Do not plug the UPS input into its own output.
- Do not allow liquids or any foreign object to enter the UPS. Do not place beverages or any other liquid-containing vessels on or near the unit.
- In the event of an emergency, press the OFF button and disconnect the power cord from the AC power supply to properly disable the UPS.
- Do not connect the UPS into a non-earthed outlet or with distinct plug formats apart from type C/F.
- When replacing the batteries, use the same number and type of batteries.
- Do not dispose of batteries in a fire. The battery may explode. Do not open or mutilate the battery or batteries. Released electrolyte is harmful to the skin and eyes.
- Unplug the UPS prior to cleaning and do not use liquid or spray detergent.

- A battery can present a risk of electric shock and high short circuit current. The following precaution should be observed before replacing batteries:
  - Remove watches, rings, or other metal objects.
  - Use tools with insulated handles.
  - Wear rubber gloves and boots.

5. TROUBLESHOOTING

Problem	Possible Cause	Solutions
No LED display on the front panel.	Low battery.	Charge the UPS at least 8 hours.
	Battery fault.	Replace the battery with the same type of battery.
	The UPS it's not turned on.	Press the power switch again to turn on the UPS.
Alarm continuously sounds when the mains is normal.	UPS overload.	Remove some devices first. Before reconnecting equipment, please verify that the load matches the UPS capability specified in the specs.
Alarm sounds every 2 seconds when the mains is normal.	Battery defect.	Replace the battery with the same type of battery.
When power fails, back-up time is short.	UPS overload.	Remove some critical load.
	Battery voltage is too low.	Charge the UPS at least 8 hours.
	Battery defect. It might be due to high temperature operation environment, or improper operation to battery.	Replace the battery with the same type of battery.
The mains is normal but LED is flashing.	Power cord is loose.	Reconnect the power cord properly.

6. SPECIFICATIONS

Model	Sekury D500
CAPACITY	500 VA /240 W
Input	
Voltage	220/230/240 VAC
Frequency	50 Hz/ 60 Hz
Voltage Range	170-280 VAC
Output	
Voltage	230V AC
Frequency	50 Hz +/-1%
Transfer Time	Typical 2-6 ms
Output waveform	Modified sinusoidal
BATTERY	
Type	Sealed, acid battery, 12 V/ 7 AH x 1
Charging Time	8 hours to recover 90% of the capacity
PHYSICAL	
Dimensions	228 x 82.5 x 207 mm
Weight	2.7 Kg (with battery)
ENVIRONMENTAL CONDITONS	
Temperature	0 - 40° C
Humidity	0% - 90%

WARRANTY

Energy Sistem Soyntec S.A. warrants its products to be free from defects in materials and workmanship at the time of purchase.

The warranty period is 36 months from the date of purchase for UPS (with the exception of the batteries which have a 24 months warranty).

WARRANTY PROCEDURE

Visit the Support section at http://support.soyntec.com and select your product to view the FAQ (Frequently Asked Questions). The solution to your problem is very likely to have been already published there. You will also be able to download user manuals, user guides, drivers and updates.

If you cannot find an appropriate solution in the Support section, you may send us your enquiry or warranty service request by email: support@soyntec.com

Alternatively, you may prefer to contact the distributor from which you purchased the product, presenting the purchase receipt or invoice.

Specifications are subject to change without notice.

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DECLARATION OF CONFORMITY

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Finestrat-Alicante, Spain

Tel: 902 388 388 / Fax: 902 119 034

NIF: A53107488

We declare under our own exclusive responsibility that the product:

Soyntec® UPS Sekury™ D500 Grey/Red/Blue

Manufacturing country: China

Is in compliance with the following essential directives, norms and standards of the European Union:

2006/95/EC - 2004/108/EC - 93/68/EEC